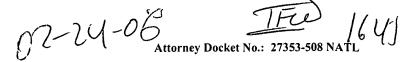
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

plicants: Roland KOZLOWSKI, et al.

Serial Number: 10/506,756

International Application Number: PCT/GB03/01049
Filing Date: March 28, 2005
Priority Date: March 13, 2002
Examiner: Not Yet Assigned

Art Unit: 1645 Confirmation Number: 6585

For: ARRAYS AND METHODS

MAIL STOP AMENDMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Transmitted herewith for filing in the present application are the following documents:

- 1. Information Disclosure Statement (2 pages), in duplicate;
- 2. Modified Form 1449/PTO (2 pages), in duplicate;
- 3. Copies of Cited References: B1-4, C1-30; and
- 4. a Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (212) 935-3000, New York, New York.

The Commissioner is authorized to charge any fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311 Ref. No. 27353-508-NATL, Customer No. 35437. A duplicate copy of this transmittal letter is enclosed herewith.

Respectfully submitted,

Date: February 22, 2006

Ivor R. Elrifi, Reg. No. 39,529 Michelle A. Klein, Reg. No. 55,296

Attorneys for Applicants c/o MINTZ, LEVIN, *et al.* 666 Third Avenue-24th Floor New York, New York 10017 Telephone: (212) 983-3000

Telefax: (212) 983-3115

Express Mail Label No.: EV 781042594 US Attorney Docket No.: 27353-508 NATL

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INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the document listed on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application, a copy of which is submitted herewith.

The items of information contained in this Information Disclosure Statement were first cited 1) in the originally filed international application, 2) in the International Search Report mailed on November 10, 2003, or 3) in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement, and is being filed before the mailing date of a first Office Action on the merits for the above-identified application. Accordingly, no fee or certification is believed required.

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims. It is also respectfully requested that the Examiner initial, sign and date, and return a copy of the signed modified Form PTO-1449 with the next U.S. PTO communication, to evidence that the cited information has been fully considered by the U.S. Patent and Trademark Office during the examination of this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that: (1) a search has been performed, the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be,

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material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

The order of presentation of the references should not be construed as an indication of the importance of the references. The Examiner is urged to form his/her own conclusion regarding the relevance of the cited information.

Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 27353-508 NATL, Customer Number: 35437.

Respectfully submitted,

Date: February 22, 2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number	10/506,756		
Nationalized Date	March 28, 2005		
First Named Inventor	Kozlowski		
Group Art Unit	1645		
Examiner Name	Not Yet Assigned		
Attorney Docket Number	27353-508 NATL		

(use as many sheets as necessary)

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.			Name of Patentee(s) or Applicant(s)	Date of Publication	English Yes No	
•	B1	wo	00/54046	The Government of the USA	09/14/00	X	
	B2	wo	01/57198	Sense Proteomics Ltd.	08/09/01	Х	
	В3	wo	01/62782	Shanghai Biowindow Gene Development, Inc.	08/30/01		Х
	B4	wo	01/68869	Lexicon Genetics Incorporated	09/20/01	Х	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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	C1	Jan, L.Y. and Jan Y.N. (1997) Receptor-regulated ion channels. Curr. Opin. Cell Biol. 9(2): 155-60.			
	C2	Trimmer, J.S. (1998) Regulation of ion channel expression by cytoplasmic subunits <i>Curr. Opin. Neurobiol.</i> 8: 370-374.			
	C3	Perez-Garcia, M.T. et al., (1994) Functional properties of cardiac L-type calcium channels transiently expressed in HEK293 cells. Roles of alpha 1 and beta subunits <i>J. Gen. Physiol.</i> 105: 289-305.			
	C4	Brady, A.E., Limbird, L.E. (2002) G protein-coupled receptor interacting proteins: Emerging roles in localization and signal transduction. <i>Cell Signal</i> 14(4): 297-309.			
	C5	Ruiz-Velasco, V. Ikeda, S.R., Puhl, H.L. (2002) Cloning, tissue distribution, and functional expression of the human G protein {beta}4-subunit. <i>Physiol. Genomics</i> 8(1): 41-50.			
	C6	Walker, D. et al, (1998) A β_4 isoform-specific interaction site in the carboxyl-terminal region of the voltage-dependent Ca ²⁺ channel α_{1A} subunit. <i>J. Biol. Chem.</i> 273: 2361-2367.			
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	C11	Wang, Z. et al, (1996) Comparison of Binding and Block Produced by Alternatively Spliced Kvβ1 Subunits. <i>J. Biol. Chem.</i> , 281: 28311-28317.			
	C12	Restituito, S. et al., (2001) Ca2+ Channel Inactivation Heterogeneity Reveals Physiological Unbinding			

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Exam Initials	Cite No.								
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	C13	Strader, C.D. et al., (1994) Structure and function of G-pro Biochem. 63: 101-132.	otein-coupled	receptors. Annu. Rev.					
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	C15	domains of an inwardly rectifying potassium channel, Kir6.2. J. Biol. Chem. 274: 33393-33397.							
	C16	Yokoyama, C.T. et al, (1997) Phosphorylation of the syna channels inhibits interactions with SNARE proteins. <i>J. New</i>	eurosci. 17: 69	929-6938.					
C17 Gelber, E. et al, (1999) Structure and function of the third intracellular loop of the 5-H third intracellular loop is α-helical and binds purified arrestins. <i>J. Neurochem.</i> 72(5): 2									
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